

USER MANUAL



CREATE MORE XITEMENT



MSC 7460

MINI SYSTEM CENTER

Dear customer!

First of all thank you very much, that you have decided for the
cmx® MSC 7460!

Please read all information's carefully before you start running the
cmx® MSC 7460.

Our company reserves the right to improve the product. That
changes to specifications and design, also without notice.

If you have problems, please visit our website at

www.cmx-electronics.com

and select your device.

Under the point "Support" you find the most frequently asked
questions about your device - if not, please use the contact form.

If you provide variations of your product, please visit our website.

Index of contents

1. SAFETY INFORMATIONS	4
2. LOCATION OF CONTROLS	5
2.1. FRONT SIDE	5
2.2. REAR SIDE	6
2.3. REMOTE CONTROL	7
3. INCLUDED IN DELIVERY	8
4. CONNECTIONS	9
4.1. POWER SUPPLY	9
4.2. SPEAKERS.....	9
4.3. HEADPHONE	9
5. CD PLAYER	10
5.1. INSERT AND REMOVAL OF DISCS	10
5.2. CD AND MP3-CD OPERATION	10
5.3. SKIP+10 & FOLDERS ON MP3-CD	11
5.4. CD REPEAT.....	12
5.5. DBBS (BASS BOOSTER SYSTEM).....	12
5.6. PROGRAMMING	12
6. RADIO.....	14
7. SPECIFICATIONS	15

1. Safety Informations



The lightning flash is a warning sign alerting you of „dangerous voltage“ inside the product.

The exclamation point is a warning sign alerting you of important instructions accompanying the product.

WARNING

To reduce the risk of electric shock, do not remove cover (or back). No user-serviceable parts inside. Refer servicing to qualified service personnel.

To reduce the risk of fire or electric shock, do not expose this appliance to dripping or splashing liquids.

NOTE

Caution symbols are printed on rear of unit. Please refer to instruction manual.

CAUTION

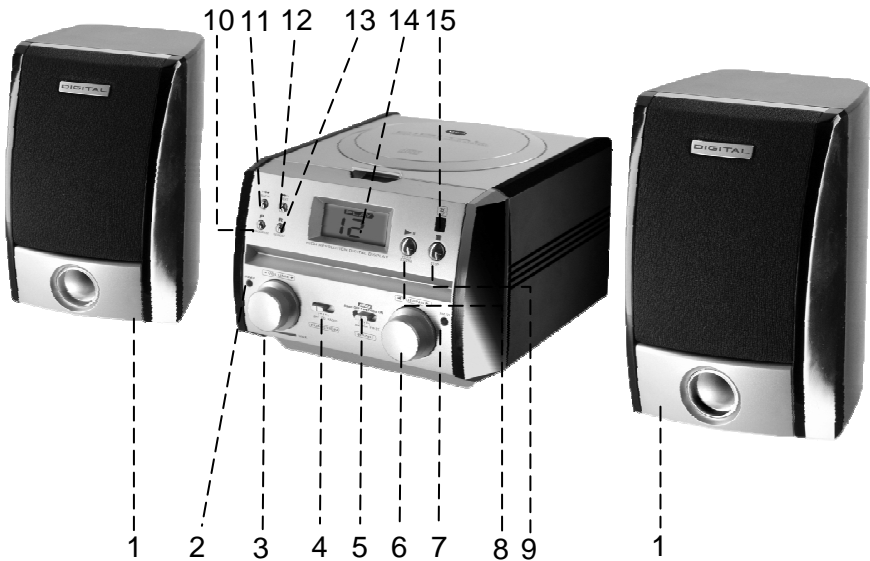
- ☑ Grounding or polarization. The precautions should be taken so that the wider blade of the AC plug must match the slot in receptacle “wall socket”.
- ☑ Invisible laser radiation when open and interlocks defeated. Avoid exposure to beam.



CLASS 1 LASER PRODUCT

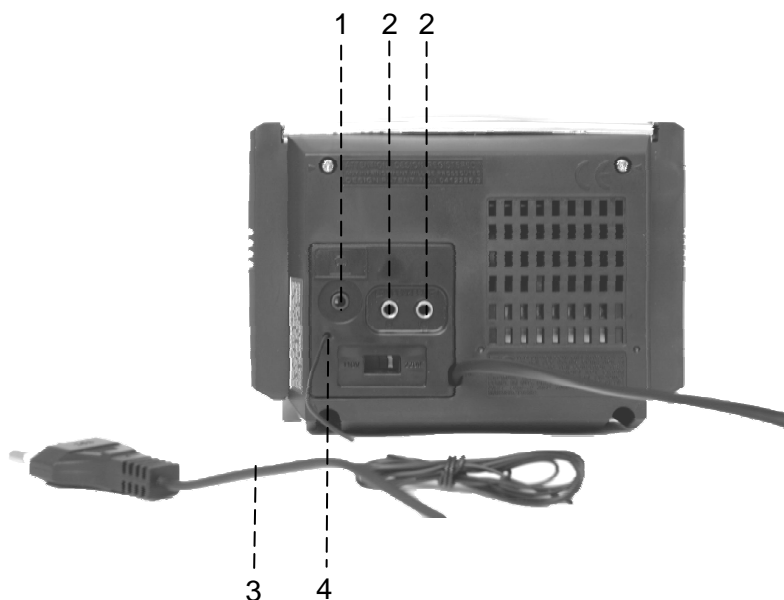
2. Location of controls

2.1. Front side



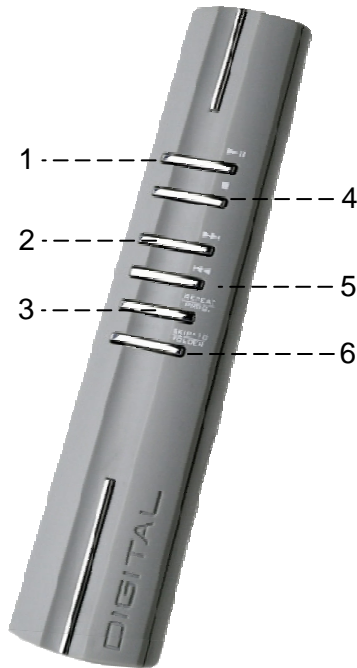
- | | |
|--|---------------------------------|
| 1. Speakers (left / right) | 8. CD "PLAY/PAUSE" key |
| 2. DBBS LED light | 9. CD "STOP" key |
| 3. Volume knob | 10. CD "REPEAT" / "PROGRAM" key |
| 4. Function switch (OFF / CD (MP3) / RADIO) | 11. CD "BACK" key |
| 5. Radio band switch (AM/ FM / FM STEREO) & DBBS OFF/ON switch | 12. CD "NEXT" key |
| 6. Radio tuning knob | 13. "SKIP+10 / FOLDER" key |
| 7. FM Stereo LED light | 14. Display |
| | 15. IR sensor |

2.2. Rear side



- | | |
|---|--------------------|
| 1. Headphone socket | 3. AC-cord & plug |
| 2. Speaker output sockets
(left & right) | 4. FM-antenna wire |

2.3. Remote control



- | | |
|--------------------------------|------------------------------|
| 1. „PLAY/PAUSE“ key | 4. „STOP“ key |
| 2. „NEXT“ key | 5. „BACK“ key |
| 3. „REPEAT“ /
„PROGRAM“ key | 6. „SKIP+10 / FOLDER“
key |

3. Included in delivery

User's manual



Warranty card



Remote control



4. Connections

4.1. Power supply

- ☑ This set works on normal household AC-power.
- ☑ Make sure the set voltage of unit matches your local voltage.
- ☑ Insert the plug of the AC-cord into a wall outlet with AC-power.

How to switch the unit “on”

To switch on the set, slide the function switch to “CD” or “RADIO” as desired.

4.2. Speakers

- ☑ Unwrap the speaker-cords of both speaker-boxes and insert the left/right plugs into sockets in the rear of main unit (see point 2 – location of controls / rear side).
- ☑ Place the speaker-boxes as far apart as possible for best sound effect.

4.3. Headphone

- ☑ To connect the headphones or earphones insert the cable into socket on the rear of main unit (see point 1 – location of controls / rear side).

5. CD player

5.1. Insert and removal of discs

- ☑ When opening the CD-door, always ensure the disc is not in motion (not spinning) when you open the CD-door. Always press the “STOP” key to stop the disc spinning first.
- ☑ Place a CD into the compartment with the label-side (printed side of disc) facing upwards. Press down in the center part of disc until the disc “locks” onto the center spindle.
- ☑ When the CD has been placed onto the center spindle, gently lower the CD-door downwards until it locks shut.
- ☑ The CD is now ready to be played.
- ☑ To remove a disc, follow the same procedure as described above, except to remove the CD instead of inserting it into the compartment, by placing one finger at the middle of disc (center spindle) and the other at the edge of the disc and gently pulling upwards.

5.2. CD and MP3-CD operation

- ☑ Insert a CD (or MP3-CD) as described. Set the function switch to “CD”.
- ☑ Once the CD door is closed (with a disc inside) the set will immediately read the disc and the display shows the number from the song (tracks).
- ☑ Press “PLAY/PAUSE” key and the disc will start spinning and then playing the first song (track).
- ☑ At anytime during playback, press “PLAY/PAUSE” to stop the operation of the unit. Press “PLAY/PAUSE” to resume the operation at the same track and position.

- ☺ At anytime during playback, press "STOP" key to stop the operation of the set. This will reset the set to the first track.
- ☺ At anytime during playback, "press and release" the "BACK/NEXT" keys to skip backwards or forwards by one track, as desired.

5.3. SKIP+10 & folders on MP3-CD

MP3 files (songs) can be organized into folders when you record them on to a CD-R disc. You can (for example) organize your folders on a disc so that each folders contain songs by a particular artist, or alternatively, by a different genre or type. You can organize songs & folders in any way you wish so that you can locate & play back those songs with greater ease & convenience.

If your MP3-CD has no folders, you can use the "SKIP+10/FOLDER" key to jump 10 songs ahead. This is useful if you have many songs on you want to quickly jump to a particular song.

- ☺ Press & release "SKIP+10/FOLDER" several times until you reach a song number near to your desired song, and then press "BACK" or "NEXT" repeatedly to arrive and the exact song you desire.

If your MP3-CD has folders, you can select the folder to playback by pressing and holding the "SKIP+10/FOLDER" button for about 2 seconds.

- ☺ Each time you press & hold the "SKIP+10/FOLDER" key (for 2 seconds), the player jumps to the first song in the next folder.

The display will alternate between the song number & the folder number every 5 seconds.

NOTE

The "folder" function only works on MP3-discs which have folders. If your disc has no folders, pressing

“SKIP+10/FOLDER” will perform the “SKIP+10/FOLDER” “SKIP+10” function.

5.4. CD repeat

- ☺ At anytime during playback, press the “CD REPEAT” key once, than the set will repeat the current track (Repeat symbol will “flash”).
- ☺ At anytime during playback, press the “CD REPEAT” key twice, than the set will repeat all tracks (Repeat symbol will stay “on”).

5.5. DBBS (Bass Booster System)

The built in “Bass Booster” circuit provides a powerful enhancement to low frequency music, giving a stronger bass sound which is ideal for “rock” or “jazz” music. This function is only effective for CD-mode.

5.6. Programming

The CD player can be programmed to play any sequence of up to 21 tracks, as desired.

- ☺ Always press the “STOP” key before starting the programming.
- ☺ Press the “PROGRAM” key, the display will show a “P” symbol and the display will show “po1” to indicate that the set is now in “memory programming mode”, at memory position No. 1.
- ☺ Press the “BACK” or “NEXT” to select the track (song) number you wish to be stored in the first memory (program) position, and press the “PROGRAM” key to confirm your selection.

- ☑ Repeat the previous 2 Steps, each time selecting any track number of your choice to be stored in the successive memory (program) positions.
- ☑ After each track number, remember to press the “PROGRAM” key.
- ☑ After a maximum of 21 songs (or less) have been selected as described above, press the “PROGRAM” key.
- ☑ Also, the “P” symbol will remain “on” to indicate that you saved a program-memory (sequence).
- ☑ Pressing “PLAY/PAUSE” key will now play back the “saved sequence” in the program memory.
- ☑ Pressing “NEXT/BACK” will move to the next or previous song in the saved sequence.
- ☑ To clear (cancel) the entire program which is stored in the memory, simply press “STOP”, or switch off the set.

6. Radio

Set the function switch to “radio”.

- ☑ Set the radio band selector switch to the desired band.
FM radio reception: fully extend the FM antenna wire and adjust its position
AM (MW) radio reception: rotate or re-position the main unit
- ☑ Rotate tuning knob to tune-in the desired station, as displayed in the LCD digital display.
- ☑ Adjust the volume to desired level.

7. Specifications

Formats	Audio-CD / CD-R / CD-RW MP3-CD / MP3-CD-R
Connectors	headphone left speaker right speaker
Radio	AM / FM & FM stereo
Frequency	AM 530 – 1600 kHz FM 87,5 – 108 Mhz
Signal-to-noise ratio	> 90 dB
Speakers	3 inch x 2 maximum 80 Watt PMPO
Power consumption	15 Watt
Power supply	AC 230 V ~ 50 Hz

- ☑ The apparatus should not be exposed to dripping or splashing and no objects filled with liquids should be placed on the apparatus.
- ☑ The marking and rating label is located at rear enclosure of the apparatus.
- ☑ The mains plug is used as the disconnect device and it shall remain readily operable. To be completely disconnected the power input. The mains plug of the apparatus shall be disconnected from the mains completely. The mains plug

should not be obstructed or should be easily accessed during intended use.

- ☺ Under the influence of electrostatic phenomenon, the product may malfunction and user to power reset.
- ☺ Excessive sound pressure from earphones and headphones can cause hearing loss.

Electrostatic discharge (ESD) Precaution

When electrostatic discharge (ESD) occurs

- ☺ at the front surface (whether metal or plastic)
- ☺ or near any part
- ☺ or any buttons of this unit

there may be a possibility that the product may stop operation and/or shut down immediately.

This is a normal condition and intended to protect the unit and internal components against damage.

In such a case, please reset the unit (by disconnecting and reconnecting AC power source) to revert the unit to normal operation.

CAUTION

Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.